



PROTOCOL[®] HTFS
“High-Wall Mining Dust Suppressant”
TechSpec[™]

PROTOCOL[®] “High-Wall FG Dust Suppressant” is formulated with *propylene glycol* that meets USP specifications, contains inorganic inhibitors for corrosion protection, and was developed for applications when laws mandate use of a non-toxic coolant. The *NoPit[™]* inhibitors incorporated into the High-Wall Miner product will protect ferrous and non-ferrous metals while providing excellent dust suppression properties without compromising environmental health and safety issues.

PROTOCOL[®] has little or no negative effect on the seals or elastomers commonly found in most open or closed loop systems. The **High-Wall Mining Dust Suppressant** is safe to use with XLPE (cross-linked polyethylene), ABS (acrylonitrile-butadiene styrene), PVC (polyvinyl chloride), Buna N, Viton, EPDM, and most other elastomers used in water service applications. However, this product should not be used with CPVC (chlorinated polyvinyl chloride) components. Chemical Resistance Data and Manufacturers of CPVC warn against the use of glycols with this material. Tests have shown that glycols can lead to stress cracks in CPVC, which could result in the premature failure of the material.

This product is available as concentrate or premixed with high quality water to meet your specifications for freeze and/or burst point depression. The industry standard for this product in terms of color is “Clear and Water-white”.

Typically Physical Properties for this product.

• Boiling Point @ 760 mm Hg (sea level)	300 - 320°F (concentrate)
• Flash Point, TCC	200 - 220°F (no flash point < 90%)
• Vapor Pressure @ 68°F	.66 mm Hg
• Vapor Density (air = 1)	> 1.0
• Specific Gravity (H ₂ O = 1)	1.05
• Evaporation Rate (butyl acetate = 1)	< 1.0
• Solubility in Water	Complete
• Appearance	Water-white liquid, Clear
• Viscosity (cP) @ 68°F	56
• pH (as is)	8 to 10

Glycol Technologies, Incorporated hereinafter referred to as GTI believes the information contained herein to be accurate and reliable as of June 1, 2000. However, since any assistance furnished by GTI with reference to the proper use and disposal of this product is provided without charge. And, since use conditions or disposal of this product are not within its control, GTI assumes no obligation or liability for such assistance and does not guarantee any results from the use of this product or from any information contained herein. No warranty, expressed or implied is given nor is this article to be construed as permission or a recommendation to practice any patented invention without a license. This information is offered solely for your consideration, investigation, and verification. By using this product the user and its representative(s) accepts and acknowledges ownership of any and all liability that may result from the use of this product.

PROTOCOL, TechSpec, NoPit, and Logo are Trademarks of Thermal Fluid Technologies, Incorporated. Permission has been granted by TFTI to use said marks for this article.